PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only		
International Application No.		
International Filing Date		
Name of receiving Office and "PCT International Application"		

according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"				
	Applicant's or agent's file re (if desired) (12 characters maxin				
Box No. I TITLE OF INVENTION					
NO _x DISCHARGE QUANTITY ESTIMATION METHOD FO	OR INTERNAL COMBUSTION	N ENGINE			
Box No. II APPLICANT	This person is also inventor				
Name and address: (Family name followed by given name; for a le The address must include postal code and name of country. The coun Box is the applicant's State (that is, country) of residence if no State of	0565-72-8910				
TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan	Facsimile No. 0565-72-8948				
		Teleprinter No.			
		Applicant's registration No. with the Office			
State (that is, country) of nationality: JAPAN	State (that is, country) of re-	sidence: JAPAN			
		Inited States the States indicated in the Supplemental Box			
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) MIYAKE Teruhiko c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan					
State (that is, country) of nationality: JAPAN	State (that is, country) of reside	mce: JAPAN			
	, 171	Inited States the States indicated in the Supplemental Box			
Further applicants and/or (further) inventors are indicated on a continuation sheet.					
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE					
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:					
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)		Telephone No. 052-459-5366			
PROSPEC PATENT FIRM 12 th Floor, NAGOYA-KS Building, 1-18, Taiko 3-chome,		Facsimile No. 052-459-5368			
Lance of the same and the same a		Teleprinter No.			
	7	Agent's registration No. with the Office			
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.					

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)					
If none of the following sub-boxes is used, this sheet should not be included in the request.					
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in the Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) NAKAYAMA Shigeki c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan					
	Applicant's registration No. with the Office				
State (that is, country) of nationality: JAPAN State (that is, country) of nationality:	JAPAN				
	the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, full official designatio. The address must include postal code and name of country. The country of the address indicated in th Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)					
State (that is, country) of nationality: State (that is, country) of	residence:				
time person to approximate the first time to the first time time to the first time time time time time time time tim	e United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in the Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	m. This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office				
State (that is, country) of nationality: State (that is, country) of	residence:				
1 This person is approved to the configuration of t	e United States America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in the Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	n. This person is:				
State (that is, country) of nationality: State (that is, country) of residence:					
This person is applicant for the purposes of: all designated all designated States except the United States of America only the United States indicated in the Supplemental Box					
Further applicants and/or (further) inventors are indicated on another continuation sheet.					

Box No. VI PRIORIT	ΓY CLAIM				
The priority of the following	lowing earlier application	on(s) is hereby claimed:			
Filing date	Number		Where earlier application	on is:	
of earlier application	of earlier application	national application:		·	
(day/month/year)		country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1) 06.11.2003	2003-376456	Japan			
item (2)					
item (3)					
item (4)					
item (5)				-	
Further priority c	laims are indicated in the S	Supplemental Box.			
The receiving Office is (only if the earlier applied Office) identified above a	cation was filed with the	ransmit to the International Office which for the purp	al Bureau a certified copy o oses of this international ap	f the earlier application(s) oplication is the receiving	
☑ all items ☐ it	em (1) item (2)	item (3)	item (4) item (5	other, see Supplemental Box	
*Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):					
Box No. VII INTERN	ATIONAL SEARCHING	GAUTHORITY			
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):					
ISA / EP Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):					
Date (day/month/year)	Number		Country (or regional Off	ice)	
Box No. VIII DECLARATIONS					
	are contained in Boxes Nos. V of each type of declaration):	'III (i) to (v) (mark the applica	able check-boxes below and indi	cate in Number of declarations	
Box No. VIII (i)	Box No. VIII (i) Declaration as to the identify of the inventor :				
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:					
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :					
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America):					
Box No. VIII (v)	Declaration as to non-pr	ejudicial disclosures or except	ions to lack of novelty:	:	

Box No. IX CHECK LIST; LANGUAGE OF I	Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains: (a) in paper form, the following	This international application is accompanied by the foitem(s) (mark the applicable check-boxes below and inaright column the number of each item):					
number of sheets: request (including declaration sheets) : 4 description (excluding sequence listings and/or tables related thereto) : 39 claims : 4 abstract : 1 drawings : 7 Sub-total number of sheets : 55 sequence listings : tables related thereto : (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below) Total number of sheets : 55 (b) only in computer readable form (Section 801(a)(i)) (i) sequence listings (ii) tables related thereto (c) also in computer readable form (Section 801(a)(ii)) (i) sequence listings (ii) tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the sequence listings tables related thereto (additional copies to be indicated under item 9(ii), in right column)	1.	icate inal t of ked where entity ings ence onal d not rked where ater) entity of the left column				
Pi-	Certificate of payment of International Filing Fee	: 1				
Figure of the drawings which should accompany the abstract: Fig. 2	Language of filing of the international application: English					
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). PROSPEC PATENT FIRM Representative Partner OBA Sakio						
	For receiving Office use only					
Date of actual receipt of the purported international application:		2. Drawings:				
Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		received:				
Date of timely receipt of the required corrections under PCT Article 11(2):		not received:				
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid					
	For International Bureau use only					
Date of receipt of the record copy by the International Bureau:						